

Converting Colors

$Y_{xy}(26.6483, 0.4853, 0.4079)$

Have a look what the booklet for
Yxy(26.6483, 0.4853, 0.4079)
contains.

Yxy(26.6029, 0.4859, 0.4076)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6029, 0.4859, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	C97A36
RGB	201, 122, 54
RGB Percent	79%, 48%, 21%
CMY	0.2117, 0.5216, 0.7883
CMYK	0.00, 0.39, 0.73, 0.21
HSL	28°, 58%, 50%
HSV	28°, 73%, 79%
XYZ	31.7133, 26.6029, 6.9510
YIQ	137.8690, 68.9120, -4.4000

Conversions

Conversions Part 2

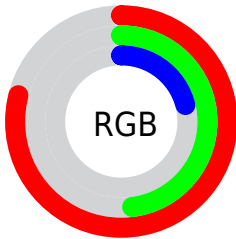
Format	Color
R _Y B	201, 181, 54
Decimal	13204022
CIE Lab	58.60, 25.22, 48.70
CIE LCh	59, 54.840, 62.620
Yxy	26.6029, 0.4859, 0.4076
Android (android.graphics.Color)	4291394102 (0xFFC97A36)
YUV	137.8690, -41.3474, 55.3659
Hunter-Lab	51.5780, 19.4913, 28.1143

Details

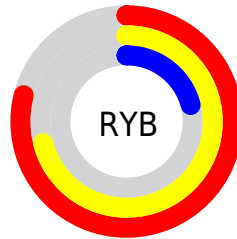
The Yxy color **26.6029, 0.4859, 0.4076** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **21.7711, 0.2033, 0.2164**, and the grayscale version is **25.5042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9194, 0.4469, 0.4003**, and **10.5159, 0.5336, 0.4145** is the 20% darker color. If you saturate the color by 10%, you get **23.9462, 0.5136, 0.4089**, and if you desaturate by 10%, it is **29.6352, 0.4567, 0.4018**.

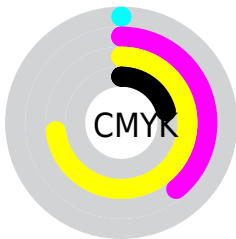
Distribution



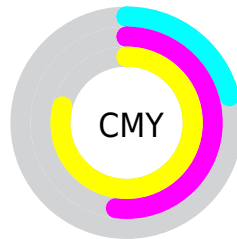
- Red (79%)
- Green (48%)
- Blue (21%)



- Red (79%)
- Yellow (71%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (73%)
- Black (21%)




- Cyan (21%)
- Magenta (52%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6029, 0.4859, 0.4076 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.6029, 0.4859, 0.4076 by changing the saturation by 10% instead.


 26.6029, 0.4859,
0.4076


 26.6029, 0.4859,
0.4076

285.7293, 0.3946,
0.3739


 17.2752, 0.5080,
0.4120


 54.2460, 0.4527,
0.3978

 10.4309, 0.5347,
0.4145


 73.3302, 0.4401,
0.3933

 5.6856, 0.5772,
0.4196

 96.4353, 0.4295,
0.3892

 2.6549, 0.6030,
0.3970

 123.9458, 0.4204,
0.3855

 0.9543, 0.6432,
0.3568

 156.2461, 0.4126,
0.3821

 0.0000, 1.0000,
0.0000

 193.7205, 0.4058,

 0.0000, 0.0000,

0.3791

0.0000

236.7534, 0.3999,
0.3764

■ 26.6029, 0.4859,
0.4076

■ 26.6029, 0.4859,
0.4076

■ 23.9462, 0.5136,
0.4089

■ 29.6352, 0.4567,
0.4018

■ 21.6410, 0.5379,
0.4047

■ 33.0566, 0.4279,
0.3926

■ 20.2463, 0.5525,
0.3995

■ 36.8849, 0.4008,
0.3813

■ 41.1349, 0.3760,
0.3690

■ 45.8208, 0.3539,
0.3565

■ 50.9561, 0.3345,
0.3442

■ 56.5534, 0.3176,
0.3325

■ 62.6248, 0.3029,
0.3216

■ 69.1822, 0.2902,
0.3115

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.6029, 0.4870, 0.3426



26.6029, 0.4859, 0.4076



26.6029, 0.4350, 0.4685

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.6029, 0.4859, 0.4076



26.6029, 0.2013, 0.3709



26.6029, 0.2489, 0.2012

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.6029, 0.4859, 0.4076



21.7711, 0.2033, 0.2164

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.6029, 0.1897, 0.1950



26.6029, 0.4859, 0.4076



26.6029, 0.1648, 0.2761

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.6029, 0.4859, 0.4076



26.6029, 0.2706, 0.4659



26.6029, 0.1618, 0.2176



26.6029, 0.3363, 0.2318

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.6029, 0.4859, 0.4076



26.6029, 0.3842, 0.4955



26.6029, 0.1618, 0.2176



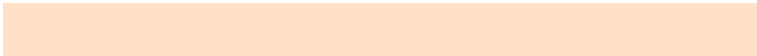
26.6029, 0.2256, 0.1962

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.6043, 0.4859, 0.4076



79.1512, 0.3522, 0.3554



16.7996, 0.4187, 0.2363



16.4495, 0.3579, 0.3589



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.6043, 0.4859, 0.4076



38.5239, 0.5289, 0.4070



51.1135, 0.4143, 0.4817



11.4322, 0.3278, 0.3397



12.9089, 0.5502, 0.4013



0.7558, 0.5160, 0.4285

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.7711, 0.2033, 0.2164



29.6957, 0.1878, 0.1877



8.3742, 0.1757, 0.1070



11.2156, 0.2983, 0.3180



9.5807, 0.1811, 0.1719



0.5975, 0.1910, 0.2076

Previews

White Background



This preview shows how the Yxy color 26.6029, 0.4859, 0.4076 looks on a white background.

Color Contrast Check

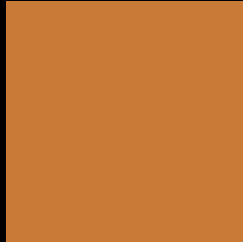
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 26.6029, 0.4859, 0.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6029, 0.4859, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 26.6029, 0.4859, 0.4076.



This preview shows how white text looks on a background with the Yxy color 26.6029, 0.4859, 0.4076.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.6029, 0.4859, 0.4076

Protanopia

26.8403, 0.4106, 0.4518

Deuteranopia

26.6276, 0.4495, 0.4395



Tritanopia

26.6707, 0.4172, 0.3190

Trichromacy



Original Color

26.6029, 0.4859, 0.4076

Protanomaly

26.5177, 0.4378, 0.4355

Deuteranomaly

26.6434, 0.4633, 0.4282

Tritanomaly

26.6761, 0.4466, 0.3548

Monochromacy



Original Color

26.6029, 0.4859, 0.4076

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.1411, 0.3756, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6029, 0.4859, 0.4076 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 122, 54)` looks like.

```
.text, #text, p{  
    color:rgb(201, 122, 54)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 122, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 122, 54) }
```

Border

The CSS property to change the border of an element to Yxy 26.6029, 0.4859, 0.4076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 122, 54) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(201, 122, 54) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(201, 122, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 122, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 122, 54);  
box-shadow:4px 4px 4px 4px rgb(201, 122,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6029, 0.4859, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 122, 54) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
122, 54) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor